

CLAIMS

What Is Claimed Is:

1 1. A wire reel feeding system for feeding and braking wire being pulled from
2 a wire reel, comprising:

3 a support for rotatably mounting the wire reel;
4 a brake arm pivotably mounted on the support, the brake arm having a
5 body with brakes for the wire reel at a first end and an enclosed eyelet formed
6 at a second end; the enclosed eyelet adapted to receive wire from the wire reel
7 and more efficiently brake wire being pulled from the wire reel; and

8 a separate L-bar having an eyehook to guide wire being pulled from the
9 wire reel through the enclosed eyelet, fixedly secured to the support against
10 relative movement; the eyehook being aligned with the eyelet to more smoothly
11 guide wire being pulled from the wire reel.

1 2. The wire reel feeding system of claim 1 wherein the brakes are
2 comprised of a plurality of brake pads aligned with side edges of opposed sides
3 of the wire reel, and the body includes an opening having a pivot pin held
4 therein.

1 3. The wire reel feeding system of claim 2 wherein the pivot pin is rotatably
2 held in a pair of upstanding walls secured to a base held on the support, and
3 wherein the brake arm pivots in the base.

1 4. The wire reel feeding system of claim 3 wherein the eyelet is spaced from
2 the eyehook between about 9 $\frac{3}{4}$ " and about 11" when wire is being pulled from
3 the wire reel through openings formed passing through the eyelet and the
4 eyehook.

1 5. The wire reel feeding system of claim 4 wherein the eyelet is spaced from
2 the eyehook about 10" when wire is being pulled from the wire reel through
3 openings formed passing through the eyelet and the eyehook.

1 6. The wire reel feeding system of claim 4, further including a handle for
2 carrying the wire reel.

1 7. The wire reel feeding system of claim 1 wherein there are a plurality of
2 wire reels rotatably mounted on the support.

1 8. The wire reel feeding system of claim 7 wherein there the support
2 includes means for moving the support along a surface.

1 9. The wire reel feeding system of claim 8 wherein there the support
2 includes means for supporting a further plurality of wire reels.

1 10. The wire reel feeding system of claim 1 wherein the support is
2 immovably mounted on a surface and there are a plurality of wire reels
3 rotatably mounted on the support.

1 11. The wire reel feeding system of claim 10 there are three wire reels
2 rotatably mounted on the support in a single line.

1 12. A wire reel feeding system for feeding and braking wire being pulled from
2 a wire reel, comprising:

3 a support for rotatably mounting the wire reel;

4 a brake arm pivotably mounted on the support; the brake arm having a
5 body with brakes for the wire reel at a first end and an enclosed eyelet formed
6 at a second end; wire from the wire reel being fed through the enclosed eyelet
7 to pivot the brake arm and more efficiently brake the wire being pulled from the
8 wire reel; and

9 a separate L-bar having an eyehook through which the wire being pulled
10 from the wire reel through the enclosed eyelet is fed; the separate L-bar being
11 fixedly secured to the support against relative movement; the eyehook being
12 aligned with the eyelet to more smoothly guide the wire being pulled from the
13 wire reel.

1 13. The wire reel feeding system of claim 12 wherein the brakes are
2 comprised of a plurality of brake pads aligned with side edges of opposed sides
3 of the wire reel; the body includes an opening having a pivot pin held therein;
4 the pivot pin being rotatably held in a pair of upstanding walls secured to a
5 base held on the support; and the brake arm being pivotably held in the base.

1 14. The wire reel feeding system of claim 13 wherein the eyelet is spaced
2 from the eyehook between about 9 $\frac{3}{4}$ " and about 11" when the wire is being
3 pulled from the wire reel through openings formed passing through the eyelet
4 and the eyehook.

1 15. The wire reel feeding system of claim 14 wherein the eyelet is spaced
2 from the eyehook about 10" when wire is being pulled from the wire reel
3 through openings formed passing through the eyelet and the eyehook, and the
4 wire reel has a handle for carrying the wire reel.

1 16. The wire reel feeding system of claim 12 wherein there are a plurality of
2 wire reels rotatably mounted on the support.

1 17. The wire reel feeding system of claim 16 wherein there the support
2 includes wheels means for moving the support along a surface and a tray for
3 supporting a further plurality of wire reels.

1 18. The wire reel feeding system of claim 12 wherein the support is
2 immovably mounted on a surface and there are three wire reels rotatably
3 mounted on the support in a single line.

1 19. A wire reel feeding system for feeding and braking wire being pulled from
2 a wire reel, comprising:

3 a support for rotatably mounting the wire reel;
4 a brake arm mounted on the support by means of a base that pivotably
5 holds the brake arm; the brake arm having a body with a pair of brake pads for
6 the wire reel secured to a first end and an enclosed eyelet secured at a second
7 end; wire from the wire reel being fed through the enclosed eyelet to pivot the
8 brake arm and more efficiently brake the wire being pulled from the wire reel;
9 and

10 a separate L-bar having an eyehook through which the wire being pulled
11 from the wire reel through the enclosed eyelet is fed; the separate L-bar having
12 a short arm and a long arm and being fixedly secured to the support by the
13 long arm against relative movement; the eyehook being aligned with the eyelet
14 and spaced therefrom between about 9 $\frac{3}{4}$ " and about 11" when the wire is being
15 pulled from the wire reel, to more smoothly guide the wire.

1 20. The wire reel feeding system of claim 19 wherein there are a plurality of
2 wire reels rotatably mounted on the support.